

## **SECTION 912 -- SPECIAL SURFACE COURSE FOR MAILBOX TURNOUTS**

### **912.01 -- Description**

The Contractor shall furnish the materials, prepare the subgrade and/or shoulder, and construct a surface course for mailbox turnouts. This surface course shall be placed and compacted on the shoulder of the roadbed, adjacent to the surfacing, as prescribed in the plans.

### **912.02 -- Material Requirements**

1. The mailbox turnout surface course shall be constructed from the following:

- a. Coarse aggregate that complies with the gradation requirements for Class "E" aggregate in Section 1033, Table 1033.03A.
- b. Bituminous aggregate salvaged from an existing bituminous mat or asphalt millings.
- c. Fresh bituminous aggregate or asphaltic concrete material.
- d. Any combination of the above approved in writing by the Engineer.

2. Salvaged material, at the time of placement, shall have been pulverized to comply with the following requirements:

	<b>Min.</b>	<b>Max.</b>
Total percent passing a 2 inch sieve	95	100
Total percent passing a 1 inch sieve	40	100

### **912.03 -- Construction Methods**

1. The Contractor shall grade and shape the roadbed shoulder at the turnout location so the completed surface course will conform to the typical cross sections and dimensions shown in the plans.

2. a. The Contractor shall furnish and place any additional embankment necessary to complete the turnout to the typical cross section and dimensions shown in the plans.

b. Any additional embankment placed shall be compacted to conform to the requirements in Subsection 205.03, Paragraph 14.b.(2), Class "II" embankment.

3. This method of construction of the special surface course shall only apply to mailbox turnouts constructed with salvaged bituminous mat, asphalt millings, or coarse aggregate:

a. Aggregate, millings, and bituminous mat shall be placed in such quantities that the depth after compaction is equal to or greater than the minimum depth shown in the plans.

b. The materials shall be bladed to a uniform thickness over the prescribed area.

c. The materials shall be compacted with a roller weighing at least 275 pounds per inch of tread of the rolling wheels. In lieu of using such a roller, the compaction may be accomplished by repeated coverage with the rear wheels of a motorgrader or heavily loaded truck.

d. If coarse aggregates are used, the Engineer may require the addition of moisture to facilitate the compaction of the surface course.

e. The compaction operations shall be continued until the finished surface course is dense and stable.

4. Asphaltic concrete mix areas shall be compacted with at least 2 passes of an approved roller.

#### **912.04 -- Method of Measurement**

Special surface course for mailbox turnouts is measured by the square yard.

#### **912.05 -- Basis of Payment**

<b>1. Pay Item</b>	<b>Pay Unit</b>
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Special Surface Course for Mailbox Turnouts	Square Yard (SY)
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2. When asphaltic concrete is used, the amount used, including asphalt cement, is added to the quantities for those pay items.

3. Payment is full compensation for all work prescribed in this Section.